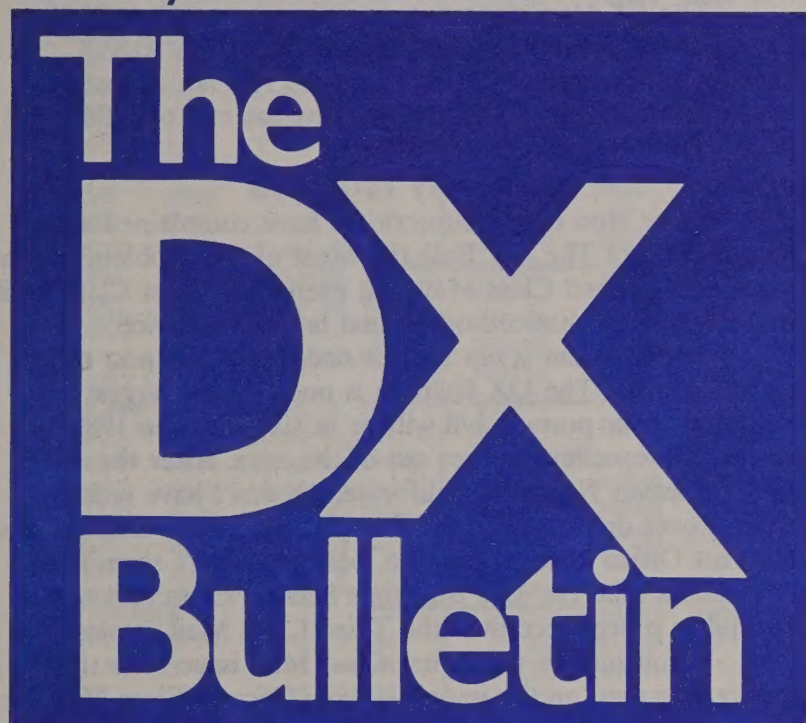


Marion Island - ZS8 After an absence of almost ten years, Marion Is. **ZS8MI** (AF-21) will come on in April, 1989, for 14 months. Peter Sykora **ZS6PT** will operate SSB and CW, including 6 meters and satellite. QSL managers are **ZS5E** and **WA3HUP**. On HF, Peter will use the rhombic antennas of the weather bureau. Efforts to stage a short-term DXpedition to Marion have gone nowhere in recent years, so a long-term operator is the only way to activate this increasingly rare spot. More details to come.

Niger - 5U Hard on the heels of his highly successful, 11,000-QSO **5UV386** operation, Baldur **DJ6SI** plans to return to Niger Dec. 26, for one week. He'll be on SSB as well as CW, and even RTTY, WARC bands, and 40/80 meters. He's also looking for a better callsign! QSL direct only to **DJ6SI**, with an oversized envelope, as the **5UV386** card is 4"x6".

Edited by Chod Harris **VP2ML**



America's Premier Weekly Amateur Radio Publication

Nepal - 9N The Japan UNICEF Ham Club will return to Nepal as **9N88C** for their annual excursion, Dec. 25-Jan. 5, 160-6 meters, SSB and CW. QSL to **JH8BKL**.

Laccadives - VU7 The National Institute of Amateur Radio of India plans to return to the Laccadives (AS-11) Dec. 15-March 31. (They originally had permission for Aug. 15-Nov. 30, but were tied up with earthquake and flood relief operations.)

South Shetlands - EA0 Elias **EA4YW** returns to the Spanish Juan Carlos I base on Livingston Is. in the South Shetlands (AN-10) for three months as **EA0BAE**, starting Jan. 10. Try 7007, 14007, or 21007 kHz on CW and 7043, 14233, and 21245 kHz on SSB. QSL P.O. Box 220, 28080 Madrid, Spain.

Shortly Noted

- Mike **RA3YG** will operate from Oblast 001 as **RA3YG/RD0D** Dec. 7-14. QSL to Box 5, Bryansk 241000, USSR.
- The Council of Europe will be on as **TP0CE** Dec. 2-4, as follows: 1700Z Dec. 2-0500Z Dec. 3, 1100-1700Z Dec. 3, and 0500-1100Z Dec. 4 on SSB, and 0500-1100Z Dec. 3, 1700Z Dec. 3-0500Z Dec. 4, and 1100-1700Z Dec. 4 on CW. **F6FOK** and **F6GOC** are SSB ops, **F3CW** and **F6FSQ** are CW ops. QSL SSB QSOs to **F6FOK** and CW to **F6FSQ**.
- Jacky **F2CW** operated as **6V6A** in **CQWW** CW. He plans to go on to Gambia C5 after the test. QSL to his France address.
- **FT5ZB** has left Amsterdam Is. (AF-02). His replacement is **FT4ZE**, who will be on soon. **FT4YC** is the new operator from the French Antarctica base of d'Urville.
- The Colvins are very active as **ZC4ZR** to mid-month. Try 28013 kHz 13-1500Z, and 15M CW 1230-1430Z. QSL Yasme, P.O.Box 2025, Castro Valley CA 94546.
- Mats **SM7PKK** is still on as **A35KK**. Try 7005 kHz 0500Z, 14005 kHz 0430Z, and 28004 kHz 2130Z. QSL **SM7PKK**.
- **RA0BB** is on rare Novaya Zemlya Is. (EU-35). Try 14025 kHz at 0415Z. QSL via **RB5CB**.
- **Z21BA** meets his QSL manager **N5FTR** at 1800Z Mondays and Fridays on 28430 kHz. DX courtesy, please.
- **DX-NL** reports that **PA3BRF/SU** is on from the Sinai. Try 21155 or 28565 kHz at 09-1030Z, or 14107 kHz at 1600Z. He's a newcomer to pile-ups, so go easy.
- Papua-New Guinea now issues **P29V** calls to visitors.
- **JT1BG** says IRCs are worthless in Mongolia, but US\$1 are welcome. (Tnx **DXNS**.)
- Joe Phillips **G3KSK** is back on Ascension Island (AF-03) as **ZD8JP** for six months, on both CW and SSB. QSL to **G3ATK**. (Tnx **DXNS**.)
- **JA2KVD** reports receiving many bureau cards for the KC6 calls he manages: **KC6NX**, **KC6MZ**, and **KC6SW**. Unfortunately the JARL out-going QSL bureau will not forward the return QSLs, so Yasunori asks for direct cards with SASE or SAE and IRCs only, please.
- Regulars (call, frequency or band, UTC): **AH6IQ** 1828-35 1130Z; **5H1HK** 3507 2145Z; **HZ1HZ** 3505 2145Z; **KX6DC** 3507 1110Z; **TU4CO** 3502 2240Z and 7005-10 2300Z; **VK6HD** 3502 21-2200Z; **VK6LK** long path 3797 2130Z; **SU1EE** 7015 0345Z; **VS6DO** 7003 1145Z; **4K0D** 14032 0130Z; **ST2KR** 14010-25 2030Z; **UI9AAB** 20M CW 0230Z; **9N1RN** 14220-40 0300Z; **UI8FM** 20M SSB 0330Z; **9X5AA** 15M CW 2000Z; **VQ9QM** 21035-40 1430Z; **BY4RB** 28033 2330-0030Z; **FK8FN** 10M CW 2000Z; **P29KN** 28595 0100Z; **TR8SA** 28560 2100Z; and **V85RM** 28595 2330Z.
- 20 meter SSB net check-ins: **3DA0AH** **HH7PV** **ZB2GR** **FH4EE** **5H5EF** **7X4AN** **S92LB** **C6ANI** **ZD7BJ** **3B8FR** **C53FH** and **9J2BO**.
- 15 meter SSB net check-ins: **FH8CB** **HK0HEU** **1Z9B** and **6T2MG**.
- The DXCC desk is not accepting **5R8VT** nor **W6JUV/YV0** (Aves) cards, pending receipt and review of the appropriate documents.

Propagation

Forecast and Historical Data

Day	Forecast	27 Days Before	55 Days Before
December			
2	High Normal	11/05 169 08/12 2	10/08 174 06/13 3
3	High Normal	11/06 165 14/14 2	10/09 176 14/22 2
4	High Normal	11/07 155 17/17 3	10/10 179 74/103 5
5	High Normal	11/08 146 13/19 3	10/11 170 17/27 1
6	High Normal	11/09 156 14/13 3	10/12 149 09/16 3
7	High Normal	11/10 152 15/16 2	10/13 159 08/15 0
8	Above Normal	11/11 157 07/09 3	10/14 151 04/11 1
9	High Normal	11/12 156 17/15 3	10/15 150 04/12 2
10	Above Normal	11/13 171 11/09 3	10/16 155 06/14 3
11	Above Normal	11/14 179 12/11 3	10/17 178 11/19 3
12	Above Normal	11/15 174 10/10 2	10/18 162 25/34 2

Propagation Watch

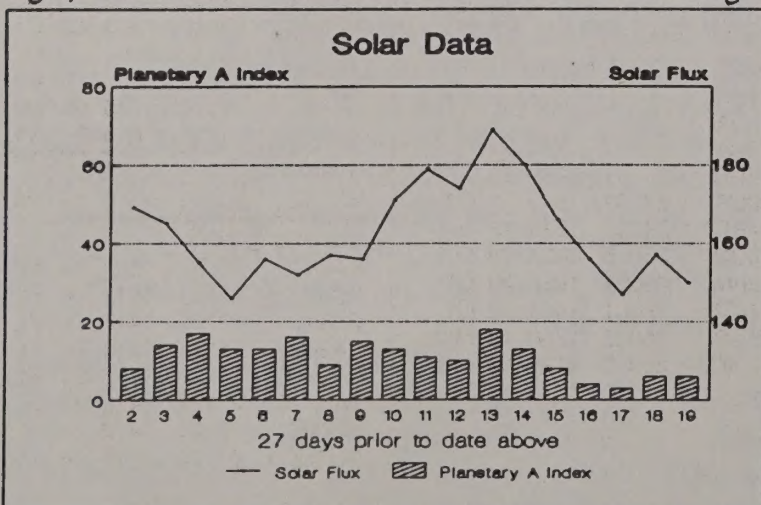
The propagation forecast for the first half of December is very good. The maximum usable frequency (MUF) will tend to be a bit lower than it was earlier this fall, as we approach the winter solstice, but the expected levels of solar flux (150-180) should suffice to keep 10, 12, and 15 meters open during daylight hours. Compared to October and early November, DXers should expect these bands to have weaker signals, fewer long path openings, and to close early: around local sunset, rather than staying open into the evening hours.

Compensating for shorter openings on the higher bands is the beginning of the winter DX season on the lower bands. Several days in a row of extremely low geomagnetic activity in late November provided some excellent conditions on 80 meters, and surprising good conditions on 160 meters, for this early in the season. We can look forward to a return of this quiet stretch around mid-December, but the forecast for the ARRL 160 meter contest this weekend is for average conditions.

Continue to keep an eye on the A index on the 18-minute-after-the-hour transmissions from WWV. Several days in a row of single-digit A index readings usually means good conditions on the lower bands.

The very low planetary A and K indices are also good news for DXers on the higher frequencies. The polar path and the long path (especially on 40 meters) are often available during periods of low geomagnetic activity.

At local sunrise, watch 40-meter long path and 80 meters. In early morning, look to 20 and 15 meters opening to the northeast, followed by 12 and 10 meters. The high bands swing south and west during the day, dying to the northwest around local sunset. Check 40 at local sunset to the east. At night, 40 and 80 are the best bets for DX. Good hunting!



ARRL Increases

Out-Going QSL Bureau Costs

The ARRL Letter reports that the cost of forwarding one pound of cards to IARU QSL bureaus overseas will increase, effective February 1, 1989, to \$2.00. The present cost is \$1. This is the first increase in the cost of this valuable member service since its inception in 1976.

The ARRL Out-Going QSL service brought in over \$25,000 in 1987, and incurred direct expenses of just under \$20,000. (These figures do not include the salaries and benefits of the ARRL staff who manage the out-going QSL bureau.)

This out-going bureau continues to be a bargain for confirming routine contacts, contest QSOs, or for answering those ubiquitous eastern European and Russian SWL cards. At about 150 cards per pound, plus the cost of mailing the cards to ARRL Hq., the service ranks second only to the incoming QSL bureau as the last bargain in QSLing.

Make an effort to catch up on your routine QSLing now, and get your cards to ARRL Hq. before Feb. 1, 1989, to save a buck or two.

Wanted: Band Country Totals

The DX Magazine wants your band-country totals for its semi-annual listing. Count confirmed, current DXCC countries only, and send your counts to The DX Magazine (same address as The DX Bulletin) by the end of 1988 to be included in the Spring, 1989, listing.

Delivery Problems

Some (too many) subscribers have complained about late delivery of The DX Bulletin. Most of the problems seem to be with Second Class Mail, but even some First Class Mail subscribers have noticed occasional late mail service.

The problem is not on this end. Our local post office recognizes that The DX Bulletin is one of their largest customers (our postage bill will be in six figures in 1989!) and we get excellent service out of the area. After the Bulletin leaves Northern California, we don't have much control over delivery, and the flood of Christmas catalogs has the Post Office swamped. Some local POs don't seem to understand that The DX Bulletin's Second Class Newspaper rate takes precedence over the Third Class Mail catalogs.

If you receive your First Class Mail issue later than Friday (the date on the issue), or your Second Class Mail issue later than the Wednesday following, ask your local PO for a "publication watch." It may help. About 99% of all subscribers are getting pretty good service, so the problem is not nation-wide. Up-grades to First Class Mail are available; call or write for details.

By the way, everyone will get Issues 467 and 468 by First Class Mail, as the PO ignores other mail in the Christmas rush.

Telephone Outage

As if spotty mail delivery was not enough to worry about this time of year, on Tuesday, Nov. 22, a wayward automobile sliced off the telephone pole carrying the three lines to The DX Bulletin (and 297 other lines.) We were without telephone service for almost two days. There was no indication of problem to anyone who called, only an unanswered ring. Our apologies to anyone who tried to reach us Nov. 22nd or 23rd; we weren't taking a long Thanksgiving vacation, nor ignoring you!

B . A . N . D . P . A . S . S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.
All "portable" calls listed with country of operation first, regardless of format used on the air.

RTTY						TU4CO 7005 2235 17 IA						FH8CB 14250 0400 13 MO						RF8F/ 28017 1300 23 FL					
4M5RY 21091 2120 12 OH						UA0YAG* 7008 2236 22 FL						J52US 14203 0142 11 CT						UA3TT					
OK2BRP 28094 1525 13 OH						Zone 23						JT1KAA 14162 0346 22 OR						SP1PBW 28084 1530 13 OH					
PP5WB 28093 2138 17 NH						UD6DX 7001 0247 18 WA						KC4AAC 14250 0256 14 NJ						SU1ER 28025 1250 26 FL					
160 Meters						UG5G/ 7006 2300 21 FL						LU5EAS/Z 14248 0410 19 VT						TA1A 28028 1448 19 TN					
AH6IQ 1835 1144 24 FL						UA6HPV						South Orkneys						TA1AO 28041 1345 17 NH					
D44BC 1832 0647 23 WA						UJ8XDH 7007 1556 22 OR						S79DW 14200 1401 13 MD						TF3EJ 28033 1643 23 FL					
J52US 1827 0035 23 TX						UP1BZZ 7003 0632 20 MI						TZ9AS 14225 0510 12 VT						TN4NW 28025 1311 25 FL					
JR1EBE 1908 1235 21 TX						VQ9QM 7011 2327 13 MD						UA1OIL 14175 1226 21 MA						TR8RC 28010 2105 13 CT					
KC6TO 1832 1149 24 TX						VS6DO 7003 1145 13 FL						UI8DAT 14163 0339 19 MT						TU4CO 28014 2210 20 FL					
KH6AT 1833 1028 25 FL						VS6DO * 7005 1155 17 NY						UI8FM 14172 0331 17 MD						UA2FZ 28042 1547 19 TN					
KX6DC 1832 1523 20 WA						ZC4ZR 7002 0655 19 MA						UI8QZ 14224 0135 16 AL						UD6GF 28030 1257 15 MA					
OX3CS 1834 0146 23 MD						20 Meter CW						UJ8JMM 14205 0223 17 TX						UJ8XDH 28019 1200 19 FL					
VS6DO 1825 1110 15 CT						3B8CF 14033 0344 12 VT						VU2AU 14212 0224 18 ON						VQ9QM 28031 1700 13 MA					
ZK2AA 1832 1118 10 NY						3B8DA 14025 0235 17 CA						VU2CK 14212 0115 15 OH						Z21IT 28015 1701 19 MN					
80 Meters						3B9FR * 14028 1323 16 PA						YK/ 14245 0320 17 MO						Z23JO 28028 1749 22 FL					
5H1HK 3507 2240 16 NH						4K0D 14031 0158 22 TN						OE1RUA						ZC4ZR 28015 1330 19 CT					
5N0/ 3506 2130 20 MA						4K2YL 14012 2340 21 ID						15 Meter CW						ZK1TB 28023 1929 20 PA					
G3GJQ						5H1HK 14021 1517 18 CA						4F1BAM 21016 0244 18 MT						ZS3BI 28050 2055 17 MA					
8Q7MT 3501 213 24 PA						5N0SKO 14028 2200 15 PA						7X2AX 21025 1915 22 MD						10 Meter SSB					
EA8BTO 3502 0148 14 FL						6W1PM 14014 2125 21 FL						9Q5UN 21035 2225 17 IA						3D2PK 28478 0045 17 WY					
EA8XI 3505 2212 25 FL						7X2FK 14029 2100 20 FL						9X5AA 21007 2040 16 CA						5B4WB 28439 1409 20 CT					
EA9EA 3507 2235 25 FL						9Q5DX 14008 0054 20 DL						A35KK 21005 2059 22 IL						5H3RB 28447 2121 18 NH					
F5IN 3506 0600 19 WA						9V1OK * 14014 2044 21 FL						BY4WNG 21025 0130 15 MI						5U7/ 28561 2121 17 NH					
HZ1HZ 3503 2140 19 MA						A35KK 14001 0432 19 CA						HV3SJ 21004 1152 13 FL						TU4BR					
KC6CS 3506 1140 24 PA						AP2HA 14022 0330 18 MT						OY7ML 21024 1220 15 MA						5V7WD 28506 1335 17 IA					
KX6DC 3507 1110 19 NH						D44BC 14034 0026 18 PA						PZ1AV 21006 2000 13 MI						9J2AL 28515 2118 11 MN					
OY7ML 3501 2245 18 NH						D68JL 14023 0343 22 TN						RL7RBU 21026 1246 24 FL						9L2NG 28381 1318 18 NH					
PY7VB 3502 2302 14 NH						FH5EF 14031 2156 26 FL						RT0UN 21021 1413 20 CT						9M2CW 28535 0129 18 MT					
SU1EE 3502 0435 21 CT						FR4FA/J 14035 0410 17 CA						ST2/ 21025 1950 18 MA						9Q5UN 28490 2100 17 MA					
TU4CO 3501 2240 18 NH						HZ1AB 14011 0521 20 OR						PA0GAM						A35KK 28595 0143 17 CA					
UA0FM 3508 1134 20 PA						HZ1AB 14011 1530 20 CA						UC8C/ 21026 1427 24 FL						A4XGY 28465 1305 13 FL					
UA0IAS 3504 1530 15 WA						J28CW 14031 2020 20 MA						UC2ABA						A4XJV 28638 1340 14 MD					
UA0ZCJ 3505 2328 19 NH						J52US 14024 2315 14 FL						UG5G/ 21032 1407 24 FL						C21RK 28556 2115 12 OH					
UB9J/ 3512 2219 22 FL						KC6TO 14024 0310 22 CA						UA6HPV						CN8LS 28478 1654 9 MD					
UW3UO						OY7ML 14026 1225 18 MA						UI9ABL 21024 1238 24 FL						D44BC 28490 1811 6 MN					
UL8CWW 3512 2125 12 MA						RA0BB 14025 0415 22 OR						UJ8XDH 21023 1307 24 FL						FH8CB 28541 1829 8 MN					
VK6HD 3503 2120 16 MA						RH8AA 14024 0540 14 CA						VQ9QM 21040 1430 20 MO						HK0HEU 28514 2244 22 CA					
VQ9QM 3506 2139 13 MA						SJ9WL 14037 0530 19 MA						VQ9QM 21025 1758 20 CT						HV3SJ 28561 1443 12 CT					
VS6DO 3502 1145 20 NH						ST2/ 14025 1955 21 TN						VS6WU 21018 1326 14 MA						JD1/ 28548 2255 12 OH					
YJ8NJS 3505 1138 18 NH						PA0GAM						ZC4ZR 21006 1232 18 MA						JH7EAY Minami Torishima					
ZD8JP 3501 2242 20 PA						ST2KR 14016 2031 23 FL						ZD8JP 21027 2146 19 CT						JT1BG 28535 1053 6 EU					
ZS6BK 3511 1128 19 PA						SU1EE 14033 0130 18 CA						15 Meter SSB						JY9LC 28429 1311 18 MA					
75 Meters						SU1EE * 14033 0220 18 TN						A22RB 21237 1945 16 MA						KC6JC 28497 2230 18 FL					
4X1RG 3799 0235 15 NH						T20AA 14030 1126 17 NY						J42COT 21246 1710 16 PA						LU5EAS/Z 28526 1924 13 MN					
5H1HK 3793 2140 12 MA						TF3WW 14020 0230 20 DL						JT1KRS 21300 0105 15 OH						P29KN 28595 0055 16 MN					
EA9IE 3795 2145 13 MA						UA1O/ 14023 2305 19 MN						S83H 21221 1949 22 PA						PZ1AR 28506 2005 13 CT					
JA1FRE 3795 1227 23 MD						UA0BDU Franz Josef Land						VR6TC 21349 0046 16 MD						RC2AR 28504 1313 20 VA					
VK6LK * 3796 2120 19 MA						UA1OIL 14007 0212 14 FL						Z21ITU 21345 2026 18 FL						SV0DX 28663 1449 10 MD					
40 Meters						UA1OIL 14005 1222 26 FL						12 Meters						TA3F 28557 1528 12 CT					
7P8EH 7044 1920 6 EU						UI8AFD 14026 0243 18 NH						BY4WNG 24905 0012 6 FL						TF6PS 28567 1553 20 TN					
7X4AN 7004 2326 13 NY						UI8QU * 14028 1220 22 FL						HK4CZE 24902 1600 13 NH						TR8SA 28560 2100 16 PA					
9V1VS 7007 1130 16 CT						UI9AAB 14037 0230 23 MO						LX2KQ 24950 1531 20 VA						UL7ACI 28495 1344 21 NH					
A35KK 7001 0520 21 MT						UI9ACQ 14020 0211 22 FL						T77T 24973 1548 20 VT						V85GA 28483 0030 19 IA					
A35KK 7005 1244 23 MD						UI9ACQ * 14030 0130 16 CA						10 Meter CW						V85RM 28594 2344 19 CT					
D44BC 7004 0550 22 WA						UJ8XDH 14020 0232 17 CA						8R1J 28035 2209 19 MN						VE8RCS 28448 1830 21 PA					
EA6ZY 7004 0719 8 NH						UL7JEG 14006 0220 20 NH						9Q5DX 28029 1914 20 PA						VK9NL 28571 2045 12 OH					
EA9EA 7002 2311 21 FL						UZ0YWA 14009 0130 18 FL						9X5AA 28015 1317 20 FL						VU2RX 28536 1326 11 MD					
HL1XP 7012 2141 4 EU						VQ9QM 14027 1810 20 MN						A35KK 28004 2120 19 IA						YI0BIF 28515 1300 22 CT					
J52US 7005 2155 14 MA						VQ9QM 14018 0150 21 OR						AP2UR 28021 1236 18 MA						YJ8NJS 28445 2159 12 MD					
JX1UG 7044 1949 6 EU						VU2DS 14012 0245 17 CA						BV2DA 28011 0101 18 MN						Z21BA 28436 10 11 CA					
KC6JC 7188 1045 13 FL						VU2SU * 14027 0150 19 CA						BY1BJ 28031 0019 21 MN						ZC4ZR 28518 1405 14 MA					
KC6TO 7005 1121 23 MD						VU3KMK 14025 0123 11 CT						BY4RB 28034 2328 20 CT						ZD9BV 28466 1813 9 MD					
KX6DS 7001 0745 19 MA						ZC4ZR 14018 1254 15 CT						C30LBT 28006 1820 13 CA						6 Meters					
OX3SG 7095 0840 19 PA						ZD8IAN 14003 0140 15 CA						D44BC 28036 1235 18 MA						VE1ZZ 50120 2012 19 VA					
OY7ML 7006 2155 21 FL						20 Meter SSB						FK8DD 28025 0020 26 FL						Novice Band					
OY9JD 7084 0919 21 PA						3DA0AH 14217 0408 18 WY						FK8FN 28008 1952 20 CT						EA4AJE 21131 1422 24 FL					
RA0LDX * 7001 2229 22 FL						5V7WD 14216 0340 12 CT						HB0CZS 28001 1458 12 CT						F6IJL 21123 1411 24 FL					
RV0YF 7006 1240 22 IA						5Z4LL 14190 0421 18 MT						HZ1AB 28022 1350 13 MO						G0IHL 12128 1417 24 FL					
SU1EE 7018 0342 22 MD						6T2MG 14163 2303 14 MD						KG4XO 28025 2128 19 MN						PA3EVY 21122 1419 24 FL					
TA1AZ 7009 0031 21 FL						9N1RN 14221 0315 15 TN						KX6HE 28018 0029 16 TN						SM3AJL 21128 1416 24 FL					
						AP2MB * 14212 1248 15 MA						OY1R 28030 1347 20 PA						WP4GGJ 21124 1415 24 FL					
						CE9A 14206 0318 19 OR						PZ1DV 28013 2225 23 FL						YC0IPD 21124 1412 24 FL					
																		YU2CCJ 21120 1415 24 FL					

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Calendar

Issue 465 - December 2, 1988

(Changes and hot info in boldface.)

Algeria - 7X	7X4AN 21010 kHz 2200Z	I460
Antarctica	KC4AAA 14240-250 04-0600z	I463
	FT4YC soon	I465
Antigua - V2	V21LJ Nov. 17-Dec. 3	I458
Bahrain - A9	A92BE 10 M SSB 1400Z	I459
Brunei - V85	V85RM 28595 2330Z	I465
Central African	TL8TG on CW by 9Q5NW soon	I460
	TL8HW 15M SSB 1900Z	I464
Chagos - VO9	VQ9QM 21035-40 1430Z	I465
China - BY	BY4RB 28033 kHz 2330-0030Z	I465
Congo - TN	TN4NW Nov-Dec. CW, too	I456
Council of Europe	TP0CE Dec. 2-4	I465
Egypt - SU	SU1EE on CW 14040 0500Z	I463
	7015 kHz 0345Z	I465
Franz Josef Land	UA1OIL 14165 kHz 12-1300Z	I460
Gabon - TR	TR8SA 28560 kHz 2100Z	I465
Guinea-Bissau - J5	J52US 14210-15 0100Z	I459
Hong Kong - VS6	VS6DO 7003 kHz 1145Z	I465
Iran - EP	14156 kHz 15-1600Z	I463
Ivory Coast - TU	TU4CO 7010 2330, 3502 2240Z	I464
Jan Mayen - JX	JX1UG to March	I457
Juan Fernandez - CE0	PY1DFF CW Dec. 2-8	I462
Kerguelen - FT-X	FT2XE 14055 kHz 1100Z	I449
Laccadives - VU7	Dec. 15-March 30	I465
Little Cayman - ZF8	ZF2ME/ZF8 Nov. 27-Dec. 3	I462
Macquarie - VK0	VK0GC, VK0IC, VK0DS on now	I461
Marion Is. ZS8	ZS8MI April 1989	I465
Marshall Is. - KX6	KX6DC 1824-33 1030-12Z	I461
	3507 1110Z	I465
Mauritius - 3B	3B8CF 14033 kHz 0230Z	I463
	7004 1400-1430Z	I464
Mayotte - FH	FH8CB 28543 kHz 2000Z	I461
Mellish Reef - VK9	by VE3IEO Jan 6-16	I464
Minami Torishima	JH7EAY/JD1 for six months	I464
Mongolia - JT	JT1BG 15M SSB 0030Z	I463
Montserrat - VP2M	VP2M/ND3A ARRL 10M test	I462
Mozambique - C9	C9MKT Dec. 9-11, 21295 16Z	I458
Nepal - 9N	9N88C Dec. 25-Jan 5	I465
	9N1RN 14220-40 kHz 0300Z	I465
New Caledonia - FK	FK8FN 10M CW 2000Z	I465
Niger - 5U	TU4BR/5U7 14047 23Z	I452
	and 21050-65 kHz 2230Z	
	by DJ6SI Dec. 26-Jan 1	I465
Papua New Guinea	P29KN 28595 0100Z	I465
Revillagigedo - XF	XF4C Dec. 15-20 SSB	I455

Rodriguez - 3B9	3B9FR 14020-25 0250Z	I456
Rwanda - 9X	9X5AA 15M CW 2000Z	I465
Saudi Arabia - HZ	HZ1AB, HZ 10M CW 14-1500Z	I459
	HZ1HZ 3505 kHz 2145Z	I465
South Shetlands	EA0BAE Jan 10-Apr 10	I465
	7 up on CW, 7043, 14233, 21245	
Sovereign Bases ZC4	ZC4ZR Yasme Now-Dec 16	I461
Sri Lanka - 4S	4S7CF 14003-6 0120Z	I461
	4S7WP 20M CW 00-010Z	I461
Sudan - ST	PA0GAM/ST back on the air	I464
	ST2KR 14010-25 kHz 2030Z	I465
Tanzania - 5H	5H1HK 3507 2145Z	I465
Tonga - A3	SM7PKK now 14005 0430Z	I465
	7005 0500z, 28004 2130Z	
Turkoman - UH	RH8AO 14025 03-0400Z	I461
	UA9AHA 20M SSB 03, 1600Z	I461
United Nations	4U1UN 2200Z Friday CW	I457
US Virgin Islands	KP2A in CQ 160M	I461
Uzbek - UI8	UI9AAB 20M CW 0230Z	I465
	UI8FM 20M SSB 0330Z	I465
Zaire - 9Q	9Q5DX 14015 2230-2330Z	I464

DX Activities and Contests

Date	Event or Activity	Info
Dec. 2-4	ARRL 160 Meter Contest	<u>QST</u>
Dec. 10-11	ARRL 10 Meter Test	<u>QST</u>
Dec. 31	DXCC Golden Jubilee deadline	<u>QST</u>
Jan. 7-8	ARRL RTTY Contest	<u>QST</u>
Jan. 27-29	CQWW 160 Meter Contest	<u>CQ</u>

Contributors

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